Estate Officer (BS-16), Gujranwala Development Authority (GDA), Housing, Urban Development & Public Health Engineering Department — advertised in PPSC Advertisement No. 05/2024 (last date 6 March 2024) — 2024 · Solved Past Paper

Body: Punjab Public Service Commission (PPSC) · **Post:** Estate Officer (BS-16), Gujranwala Development Authority (GDA), Housing, Urban Development & Public Health Engineering Department — advertised in PPSC Advertisement No. 05/2024 (last date 6 March 2024) · **Year:** 2024 · **Questions:** 100 in the original paper — **98 solved and verified**, 2 excluded as defective (Q39, Q86) · **Price:** Free

> **How to use this paper:** each question shows the stem, the four options, and the correct answer. Click “Why each option?” under a question to see all four options explained — one question teaches four topics. General Knowledge answers are as of the 2024 sitting.

Source note: test360.pk reproduction, "Estate Officer GDA 07-09-2024" (all 100 question cards, each with 4 options and a printed key, from the page's raw HTML via direct curl fetch, 281,447 bytes). No second full reproduction of this exact exam was found. 4 printed keys corrected openly (Q12, Q23, Q81, Q84). Q17 and Q41 are PICK-ONEs and Q39 and Q86 excluded as DEFECTIVE by the assistant under the owner's 8 Nov 2026 delegation. Case number is not stated on the source page and was not established from PPSC's site in this build; it is recorded as unconfirmed rather than guessed. Answers verified

ly against reference facts, worked derivations and targeted sources, never from the printed key alone.

Question 1 Pakistan Studies

Who founded the Muhammadan Educational Conference ?

- A. Allama Iqbal
- B. Liaquat Ali Khan
- C. Sir Syed Ahmad khan ✓ **Correct answer**
- D. Muhammad Ali Jinnah

Note: Sir Syed Ahmad Khan founded the Muhammadan Educational Conference in 1886 to promote modern education among Muslims. Allama Iqbal was a poet-philosopher of a later generation, Liaquat Ali Khan was Pakistan's first Prime Minister, and Muhammad Ali Jinnah founded Pakistan — none of them founded the Conference.

Question 2 Pakistan Studies

Arya Samaj founded in .

- A. 1875 ✓ **Correct answer**
- B. 1820
- C. 1828
- D. 1835

Note: The Arya Samaj was founded by Swami Dayanand Saraswati in Bombay in 1875. 1828 is the year of the Brahmo Samaj, not the Arya Samaj; 1820 and 1835 are not its founding years.

Question 3 Pakistan Studies

How many Round table conference held ?

- A. 1

- C. 3 ✓ **Correct answer**
- D. 4

Note: Three Round Table Conferences were held in London (1930, 1931 and 1932) to discuss constitutional reform in India. There were not one, two or four.

Question 4 Pakistan Studies

Which province of west Pakistan was divided into two in 1947 ?

- A. Baluchistan
- B. Khyber Pakhtunkhwa
- C. Sindh
- D. Punjab ✓ **Correct answer**

Note: Punjab was partitioned in 1947 into East Punjab (India) and West Punjab (Pakistan). Sindh, the North-West Frontier Province (now Khyber Pakhtunkhwa) and Balochistan were not divided.

Question 5 Pakistan Studies

First Postal stamp designed by ____?

- A. Kidwai
- B. Liaquat
- C. A.R Chughtai ✓ **Correct answer**
- D. Rehmat

Note: Pakistan's first postage stamp was designed by the artist Abdur Rahman Chughtai (A. R. Chughtai). Kidwai, Liaquat and Rehmat are not the designers of Pakistan's first stamp.

6 Pakistan Studies

Who was the third Prime Minister of Pakistan ?

- A. Ghulam Muhammad
- B. Huseyn Shaheed Suharwardy
- C. Liaquat Ali Khan
- D. Mr.Mohammad Ali Bogra ✓ **Correct answer**

Note: The order is: 1st Liaquat Ali Khan, 2nd Khawaja Nazimuddin, 3rd Mohammad Ali Bogra (1953–55). Huseyn Shaheed Suhrawardy was the 5th Prime Minister, and Ghulam Muhammad was Governor-General, not Prime Minister.

Question 7 Pakistan Studies

Muhammad Ali Bogra formula was about _____?

- A. New Constitution
- B. Bengal boundaries
- C. Equal Representation ✓ **Correct answer**
- D. None of these

Note: The Bogra Formula (1953) proposed parity — equal representation for East and West Pakistan in the federal legislature. It was not itself a new constitution, and it was not about Bengal's boundaries.

Question 8 Pakistan Studies

On which date did the Ojhri Camp disaster occur ?

- A. 15th April 1988
- B. 12th April 1988
- C. 10th April 1988 ✓ **Correct answer**
- D. 7th April 1988

Jhri Camp arms-depot explosion in Rawalpindi occurred on 10 April 1988. The 15th, 12th and 7th of April 1988 are not the date.

Question 9 Pakistan Studies

Book Daughter of East written by ?

- A. Hina Rabbani Khar
- B. Malala Yousafzai
- C. Asma Jahangir
- D. Benazair Bhutto ✓ **Correct answer**

Note: Daughter of the East is the autobiography of Benazir Bhutto (1988). Malala Yousafzai wrote I Am Malala; Hina Rabbani Khar and Asma Jahangir are not the authors of this book. (Stem spells her name 'Benazair' — a reproduction typo.)

Question 10 Pakistan Studies

Chilam Joshi religious festival is celebrated in which valley of Pakistan ?

- A. Neelam Valley
- B. Kailash Valley ✓ **Correct answer**
- C. None of these
- D. Kaghan Valley

Note: Chilam Joshi is the spring festival of the Kalasha people, celebrated in the Kalash valleys of Chitral. Neelam Valley (Azad Kashmir) and Kaghan Valley are other valleys where it is not held.

Question 11 Pakistan Studies

The 8th Amendment empowers which position ?

- A. Speaker
- B. Prime Minister

- D. President ✓ **Correct answer**

Note: The 8th Amendment (1985) empowered the President to dissolve the National Assembly under Article 58(2)(b). It did not give that power to the Speaker, the Prime Minister or the Chief Justice.

Question 12 Pakistan Studies

How did Pakistan acquire the land of Gwadar ?

- A. Gift from another country
- B. Merger with another province
- C. War of Independence 1947
- D. Land accession with Oman in 1958 ✓ **Correct answer**

Note: PRINTED KEY CORRECTED: the page marks A 'Gift from another country', which is wrong. Pakistan purchased the Gwadar enclave from Oman for £3 million on 8 September 1958 (formally handed over 8 December 1958) — a purchase, not a gift (Wikipedia, Gwadar Port; ResearchGate, Nicolini). Gwadar was not merged with a province and was not acquired in the 1947 War of Independence.

Question 13 Pakistan Studies

What proportion of both houses of Parliament is required to pass an amendment to the constitution ?

- A. Two third ✓ **Correct answer**
- B. Two fifth
- C. One fourth
- D. One Third

Note: A constitutional amendment needs a two-thirds majority of the total membership of each House (Article 239 of the Constitution). Two-fifths, one-fourth and one-third are all

Question 14 Geography

The great Salt Lake is located in which continent ?

- A. South America
- B. North America ✓ **Correct answer**
- C. Africa
- D. Canada

Note: The Great Salt Lake is in Utah, United States — in North America. It is not in South America or Africa, and option D 'Canada' is a country, not a continent (a reproduction defect in the option set).

Question 15 Geography

The great bear lake is located in which country ?

- A. Norway
- B. Russia
- C. Canada ✓ **Correct answer**
- D. United State

Note: Great Bear Lake is in the Northwest Territories of Canada. It is not in Norway, Russia or the United States.

Question 16 Geography

The Hubbard Glacier is located in which continent ?

- A. Africa
- B. North America ✓ **Correct answer**
- C. Europe
- D. South America

Hubbard Glacier is in Alaska / Yukon, on the United States–Canada border — North America. It is not in Africa, Europe or South America.

Question 17 Current Affairs

How many countries have Island claims in the South China Sea ?

- A. 10
- B. 8
- C. 7 ✓ **Correct answer**
- D. 9

Note: PICK-ONE decided by the assistant under the owner's 8 Nov 2026 delegation: six states claim South China Sea islands — China, Taiwan, Vietnam, the Philippines, Malaysia and Brunei — and 6 is NOT offered. A seventh party, Indonesia, presses a claim around the Natuna Islands, giving a documented seven-party count (seasia.co, 'seven parties, namely China, Taiwan, Viet Nam, the Philippines, Malaysia, Brunei, and Indonesia'), so C '7' is picked as the intended bank answer. 10, 8 and 9 have no support.

Question 18 Geography

What is the world largest port

- A. Port of Singapore
- B. Port of Los Angeles
- C. Port of Shanghai ✓ **Correct answer**
- D. Port of Guangzhou

Note: The Port of Shanghai is the world's largest port by cargo tonnage and container throughput. Singapore is among the largest but smaller than Shanghai; Los Angeles and Guangzhou are smaller still.

19 Geography

Izmir is the third largest city of which country ?

- A. Greece
- B. Spain
- C. Turkey ✓ **Correct answer**
- D. Italy

Note: Izmir is Turkey's third-largest city, after Istanbul and Ankara. It is not in Greece, Spain or Italy.

Question 20 Geography

Nanga Parbatis the highest peak of

- A. Karakoram
- B. Hindu Kush
- C. Alps
- D. Himalaya ✓ **Correct answer**

Note: Nanga Parbat (8,126 m) is the western anchor of the Himalaya range. The Karakoram holds K2, the Hindu Kush is a separate range to the west, and the Alps are in Europe.

Question 21 Pakistan Geography

پاکستان میں کتنے بیراج ہیں

- A. 9
- B. 29
- C. 19 ✓ **Correct answer**
- D. 20

Note: Pakistan's Indus Basin Irrigation System comprises 3 major reservoirs, 19 barrages,

s and 43 canal commands (zamtash.pk; transboundarywater.org; IUCN). 9, 29 and 20 are not the standard count.

Question 22 Pakistan Geography

Baltit Fort was built in which century ?

- A. 10th Century
- B. 12 Century
- C. 8th Century ✓ **Correct answer**
- D. 6th Century

Note: Baltit Fort in Hunza was founded in the 8th century CE. It was not built in the 6th, 10th or 12th century.

Question 23 Pakistan Geography

Which part of Pakistan games the major share of monsoon rain ?

- A. Northern ✓ **Correct answer**
- B. Western
- C. Southern
- D. Eastern

Note: PRINTED KEY CORRECTED: the page marks C 'Southern', which is flatly wrong. The heaviest monsoon rain falls in the north and northeast — Murree, Rawalpindi and Sialkot, with Kashmir and the sub-mountain Punjab above 600 mm — while the south (Multan) gets only about 5–6 inches in the whole monsoon season (pratamiklas.com; ResearchGate, Normals of monsoon over Pakistan). The western areas are also dry. Eastern Punjab is wet too, but the northern belt is the heaviest, so A is the answer.

Question 24 Pakistan Geography

What is the longest river in Pakistan ?

i river

- B. Jhelum river
- C. Chenab river
- D. Indus river ✓ **Correct answer**

Note: The Indus (about 3,180 km) is Pakistan's longest river. The Chenab, Jhelum and Ravi are its tributaries and all shorter.

Question 25 Pakistan Geography

The Brohi people live in the north of which city ?

- A. Makran
- B. Lasbela
- C. Kalat ✓ **Correct answer**
- D. Turbat

Note: The Brahui (Brohi) people are centred on the Kalat highlands of Balochistan, north of the Kalat area. Makran, Lasbela and Turbat are other Balochistan areas, not the Brahui heartland.

Question 26 Pakistan Geography

Kunar river is also called ____ river in Pakistan ?

- A. Swat
- B. Chitral ✓ **Correct answer**
- C. Kunhar
- D. None of these

Note: The Kunar River is called the Chitral River in Pakistan (it flows through Chitral before entering Afghanistan as the Kunar). The Swat and Kunhar are different rivers.

27 Pakistan History

The Indus valley civilization had an impact on the culture of which region ?

- A. Baluchistan
- B. Khyber Pakhtunkhwa
- C. Sindh ✓ **Correct answer**
- D. Punjab

Note: The Indus Valley Civilisation's great city Mohenjo-daro stands in Sindh, and its legacy shapes Sindhi culture most directly. Balochistan, Khyber Pakhtunkhwa and Punjab also have IVC sites, but Sindh is the intended answer.

Question 28 Pakistan History

Tge Kot Diji Fort was built by ____?

- A. Mughal
- B. Talpur ✓ **Correct answer**
- C. Kalhoro
- D. Samra

Note: Kot Diji Fort (Khairpur, Sindh) was built by Mir Sohrab Khan Talpur around 1795. It was not built by the Mughals, the Kalhoros or the Samras. (Stem spells 'Tge' for 'The'.)

Question 29 World History

Abraham Lincon was the president of which number ?

- A. 34th
- B. 20th
- C. 16th ✓ **Correct answer**
- D. 18th

Note: Abraham Lincoln was the 16th President of the United States (1861–65). The 34th

wer, the 20th Garfield and the 18th Grant. (Stem spells 'Lincon' for Lincoln.)

Question 30 World History

Which was the longest War for the US ?

- A. Afghan war ✓ **Correct answer**
- B. Iraq war
- C. Vietnam War
- D. Mexican War

Note: The war in Afghanistan (2001–2021, about 20 years) is the longest war in US history. The Vietnam War involved about 19 years of direct US combat, the Iraq War about 8 years, and the Mexican War (1846–48) about 2 years.

Question 31 World History

WWI started by

- A. None of these
- B. Turkey German attacked
- C. Ottoman Empire attacked UK
- D. Austro Hungarian empire attacked on Serbia ✓ **Correct answer**

Note: Austria-Hungary declared war on Serbia on 28 July 1914 after the assassination of Archduke Franz Ferdinand, triggering the First World War. The Ottoman Empire did not attack the UK to start the war, and Turkey/Germany did not attack to start it.

Question 32 World History

Taiwan separated from China by ?

- A. 1948
- B. 1949 ✓ **Correct answer**
- C. 1956

Note: The Republic of China government retreated to Taiwan in 1949 at the end of the Chinese Civil War. 1948, 1952 and 1956 are not the separation year.

Question 33 Current Affairs

What is the primary purpose of the AUKUS alliance ?

- A. To combined defense strategies among member countries
- B. To assist Australia in building nuclear submarines
- C. None of these
- D. Both A and B ✓ **Correct answer**

Note: AUKUS (Australia, the United Kingdom and the United States, 2021) is a security partnership that combines the members' defence strategies and assists Australia in acquiring nuclear-powered submarines. Both A and B are true, so D is the answer.

Question 34 Current Affairs

Sustainable Development Goals ?

- A. Gender Equality
- B. End Hunger
- C. All of these ✓ **Correct answer**
- D. End Poverty

Note: Gender equality (SDG 5), zero hunger (SDG 2) and no poverty (SDG 1) are all among the 17 Sustainable Development Goals, so 'All of these' is correct.

Question 35 Current Affairs

G-15 is a group of _____?

- A. Developed and developing

ne of these

- C. Developing ✓ **Correct answer**
- D. Group of companies

Note: The G-15 (Group of 15, founded 1989) is a group of developing countries. It is not a group of developed countries, and not a group of companies.

Question 36 Current Affairs

What does OIC stand now ?

- A. Organization of Islamic Council
- B. Office Of Islamic Coorporation
- C. Organization of Islamic Coorporation ✓ **Correct answer**
- D. Organization of Islamic conference

Note: The OIC is now the Organisation of Islamic Cooperation — renamed in 2011 from the Organisation of the Islamic Conference (option D, its old name). It is not a 'Council' and not an 'Office'. (The page spells it 'Coorporation'.)

Question 37 Sports

Roger Federer is player of which sports ?

- A. Football
- B. Table Tennis
- C. Tennis ✓ **Correct answer**
- D. Hockey

Note: Roger Federer is a tennis player (20 Grand Slam singles titles). He is not a footballer, table-tennis player or hockey player.

Question 38 Sports

Michael Jordan is famous for which sport ?

- B. Tennis
- C. Basketball ✓ **Correct answer**
- D. Football

Note: Michael Jordan is a basketball player (Chicago Bulls, six NBA titles). He briefly played minor-league baseball, but he is famous for basketball — not tennis or football.

Question 39 Sports

What is the national sport of China ?

- A. Soccer
- B. Basketball
- C. Judo
- D. Jitsu

No answer is given for this question, and none is taught. NO CORRECT OPTION — DEFECTIVE-excluded

Question 40 World Knowledge

Which country has the largest parliament in the world ?

- A. United States
- B. China ✓ **Correct answer**
- C. Russia
- D. India

Note: China's National People's Congress, with about 2,980 deputies, is the world's largest parliament. The US Congress, Russia's Federal Assembly and India's Parliament are all smaller.

41 General Knowledge

Umar Khayyam was a Persian ?

- A. Astronomer
- B. Philosopher
- C. Poet
- D. Mathematician ✓ **Correct answer**

Note: PICK-ONE decided by the assistant under the owner's 8 Nov 2026 delegation: Omar Khayyam (1048–1131) was a polymath — mathematician, astronomer, philosopher and poet — so all four options are true of him (Wikipedia). D is picked because he was famous in his lifetime as a mathematician: his Treatise on Demonstration of Problems of Algebra classified and solved cubic equations, and he led the Jalali calendar reform. His fame as a poet came centuries later through FitzGerald's Rubaiyat.

Question 42 Current Affairs

Dr Tedros was elected director general of which organization?

- A. OIC
- B. WHO ✓ **Correct answer**
- C. WTO
- D. World Bank

Note: Dr Tedros Adhanom Ghebreyesus is the Director-General of the World Health Organization (since 2017). He does not head the OIC, the WTO or the World Bank.

Question 43 Current Affairs

Who is the current head of the IMF ?

- A. Christiane Lagarde
- B. Dominique Strauss kahn
- C. Kristalina Georgieva ✓ **Correct answer**

Note: Kristalina Georgieva has been Managing Director of the IMF since 2019 and was in office on the exam date. Christine Lagarde left in 2019, Dominique Strauss-Kahn resigned in 2011, and Rodrigo Rato left in 2007.

Question 44 General Knowledge

S.E.Z stands for ?

- A. Special economic zone ✓ **Correct answer**
- B. Special education Zone
- C. Special environment zone
- D. Special enterprise zone

Note: SEZ stands for Special Economic Zone — a designated area with special business and trade rules. The other three expansions are invented.

Question 45 Pakistan Studies

In which year was the Zainab alert response and recovery act pass ?

- A. 2017
- B. 2019
- C. 2018
- D. 2020 ✓ **Correct answer**

Note: The Zainab Alert, Response and Recovery Act was passed in 2020, following the murder of Zainab Ansari in 2018. It was not passed in 2017, 2018 or 2019.

Question 46 Pakistan Studies

Defense budget 2021-22 ?

- A. 1370 ✓ **Correct answer**

- C. 1560
- D. 1110

Note: Pakistan's defence budget for fiscal year 2021–22 was Rs 1,370 billion. 1,450, 1,560 and 1,110 billion are other years' figures.

Question 47 Everyday Science

What was the temperature of liquid nitrogen ?

- A. 37 ^{0}C
- B. 0 ^{0}C
- C. None of these
- D. -196 ^{0}C ✓ **Correct answer**

Note: Liquid nitrogen boils at −196 °C (77 K). 37 °C is body temperature and 0 °C is the freezing point of water — neither is the temperature of liquid nitrogen.

Question 48 Everyday Science

Who was the Muslim scientist known for preparing many chemical compounds and is also considered the father of chemistry ?

- A. Jabir ibn Hayyan ✓ **Correct answer**
- B. Avicenna
- C. Al Khwarizmi
- D. Ibn al Haytham

Note: Jabir ibn Hayyan (Geber) is regarded as the father of chemistry for his work on chemical compounds and alchemy. Avicenna is known for medicine, Al-Khwarizmi for algebra, and Ibn al-Haytham for optics.

49 Everyday Science

Car batteries use ____that reacts with Lead plates to generate electricity ?

- A. Nitric Acid
- B. None of these
- C. Hydrochloric Acid
- D. Sulphuric Acid ✓ **Correct answer**

Note: Car (lead-acid) batteries use sulphuric acid as the electrolyte reacting with the lead plates. Nitric acid and hydrochloric acid are not used in car batteries.

Question 50 Everyday Science

Which gas has an adverse effect on the climate ?

- A. Nitrogen Dioxide
- B. Carbon dioxide ✓ **Correct answer**
- C. Sulphur dioxide
- D. Carbon monoxide

Note: Carbon dioxide is the principal anthropogenic greenhouse gas driving climate change. Nitrogen dioxide, sulphur dioxide and carbon monoxide are air pollutants, but CO2 is the canonical climate gas the question asks for.

Question 51 Everyday Science

Which theory revolutionized the space time

- A. Law of universal gravitation
- B. Quantum Mechanics
- C. Theory of relativity ✓ **Correct answer**
- D. Big Bang Theory

Note: Einstein's theory of relativity revolutionised space-time (special relativity 1905,

tivity 1915). Newton's law of universal gravitation is classical gravity, quantum mechanics governs the subatomic world, and the Big Bang is the theory of the universe's origin.

Question 52 Everyday Science

The process where is solid Converts directly into a gas without becoming a liquid is called .

- A. Freezing
- B. Melting
- C. Sublimation ✓ **Correct answer**
- D. Condensation

Note: Solid changing directly into gas is sublimation (for example dry ice, camphor). Freezing is liquid to solid, melting is solid to liquid, and condensation is gas to liquid.

Question 53 Everyday Science

Which disease is known as Black death .

- A. Typhoid
- B. Malaria
- C. Plague ✓ **Correct answer**
- D. Cholera

Note: The Black Death was the bubonic plague pandemic of the 14th century. Typhoid, malaria and cholera are different diseases and are not called the Black Death.

Question 54 English

The synonym of loquacious is ?

- A. Funny
- B. Verbos ✓ **Correct answer**

turn

- D. Thirsty

Note: Loquacious means talkative, so its synonym is verbose (spelled 'Verbos' on the page). Taciturn (silent) is its antonym; funny and thirsty are unrelated.

Question 55 English

What is the synonym for Inundate ?

- A. Overflow ✓ **Correct answer**
- B. Dry
- C. Clean
- D. Refill

Note: Inundate means to flood or overflow. Dry is its opposite; clean and refill are unrelated.

Question 56 English

What is a synonym for defer

- A. Defy
- B. Differ
- C. Postpone ✓ **Correct answer**
- D. Indifferent

Note: Defer means to postpone. Defy means to resist, differ means to disagree, and indifferent means unconcerned — all different words.

Question 57 English

What is the synonym for " abortive"?

- A. Effective

uccessful ✓ **Correct answer**

- C. Fruitful
- D. Successful

Note: Abortive means failed or unsuccessful. Effective, fruitful and successful are antonyms.

Question 58 English

I will do glutton for punishment he was going to court third time . What does glutton mean ?

- A. Masochist ✓ **Correct answer**
- B. Confront
- C. A Musical instrument
- D. A kind of plant

Note: A 'glutton for punishment' is someone who seeks out suffering or hardship — a masochist. Confront is a verb, and a musical instrument or a kind of plant have nothing to do with the idiom. (The stem is garbled on the page; read as the idiom 'glutton for punishment'.)

Question 59 English

Early Birds catch the

- A. Food
- B. Nest
- C. Worm ✓ **Correct answer**
- D. Fly

Note: The proverb is 'The early bird catches the worm'. Food, nest and fly do not complete it.

60 English

A Bad workman always blame his ?

- A. Misfortune
- B. Tools ✓ **Correct answer**
- C. Fate
- D. Fortune

Note: The proverb is 'A bad workman always blames his tools'. Misfortune, fate and fortune do not complete it.

Question 61 English

Stickler : Insist ::

- A. Laggard : Outlast
- B. Braggart : Boast ✓ **Correct answer**
- C. Trick : Risk
- D. Haggler : Concede

Note: The relation is agent : characteristic action — a stickler insists, a braggart boasts. A laggard does not outlast, a trick is not a risk, and a haggler does not concede (a haggler bargains).

Question 62 English

Select the word pair analogy Incisor : scalpel .

- A. Navy : Lieutenant
- B. Cut: Saw ✓ **Correct answer**
- C. Tailor : Shirt
- D. Doctor : Hospital

Note: An incisor and a scalpel are both cutting instruments; likewise a saw is the

ised to cut. Navy : Lieutenant is organisation : rank, Tailor : Shirt is maker : product, and Doctor : Hospital is person : place — none of them matches the cutting-instrument relation.

Question 63 English

A part of a word that can be pronounced separately ?

- A. Particle
- B. Syllable ✓ **Correct answer**
- C. Sibilant
- D. None of these

Note: A part of a word that can be pronounced separately is a syllable. A particle is a small grammatical word, a sibilant is a hissing sound (s, z, sh), and neither is a pronounceable part of a word.

Question 64 English

My brother deals ____ old furniture ?

- A. On
- B. In ✓ **Correct answer**
- C. At
- D. Wuth

Note: The correct preposition is 'deals in' (to trade in something). 'Deals on', 'deals at' and 'deals with' (option D spells 'Wuth' for 'With') are wrong for trading in goods.

Question 65 English

If you ____ worked hard you would have not failed ?

- A. Has
- B. Had ✓ **Correct answer**

- D. Have

Note: The third conditional needs 'had': 'If you had worked hard, you would not have failed.' Has, will and have are grammatically wrong here.

Question 66 English

What type of sentence is they had work hard so they would have passed the exam ?

- A. Simple
- B. Compound complex
- C. Compound ✓ **Correct answer**
- D. Complex

Note: Two independent clauses joined by 'so' make a compound sentence. It is not simple (one clause), not complex (one dependent clause) and not compound-complex (which needs both).

Question 67 English

I shall and I II are examples of :

- A. Tense
- B. Grunting
- C. Expansion
- D. Contraction ✓ **Correct answer**

Note: 'I'll' is a contraction of 'I will / I shall'. Tense, grunting and expansion do not describe it. (The stem is garbled on the page — 'I II' for 'I'll'; the contracted form is the point of the question.)

Question 68 English

Look this word in dictionary, identify the correction if required

k into

- B. None of these
- C. Look up ✓ **Correct answer**
- D. Looking

Note: The correct phrasal verb is 'look up (a word) in a dictionary'. 'Look into' means to investigate, and 'Looking' alone does not correct the sentence.

Question 69 Computer

What is main electric component of computer?

- A. Power supply unit ✓ **Correct answer**
- B. CPU
- C. Mouse
- D. System unit

Note: The power supply unit is the computer's main electrical component: it converts mains electricity and supplies power to every part. The CPU is the main processing unit (not an electrical-supply component), the mouse is an input device, and the system unit is the case that holds the parts.

Question 70 Computer

Which part of the computer connects with the motherboard and gives power to different parts?

- A. CPU
- B. RAM
- C. Power supply ✓ **Correct answer**
- D. None of these

Note: The power supply connects to the motherboard and distributes power to the parts. The CPU processes instructions and RAM holds data temporarily; neither supplies power.

71 Computer

Data us permanently stored in .

- A. Hard Disk
- B. Flash Drive
- C. DVD
- D. All if these ✓ **Correct answer**

Note: A hard disk, a flash drive and a DVD are all permanent (non-volatile) storage, so 'All of these' is correct. (The page spells it 'All if these'.)

Question 72 Computer

Which enables us to send the same letter to different person?

- A. Template
- B. World field
- C. Mail merge ✓ **Correct answer**
- D. None of these

Note: Mail merge sends the same letter to many different people with personalised fields. A template is a reusable pattern, and 'World field' is a garbled 'Word field' — neither sends the letter.

Question 73 Computer

The range of Cell A20 to A30 only written as

- A. A20:A30 ✓ **Correct answer**
- B. A20,A30
- C. A20_A30
- D. A20;A30

Note: In Excel a cell range is written with a colon: A20:A30. A comma separates separate

Question 74 Mathematics

What is the 70% of 900?

- A. 650
- B. 645
- C. 670
- D. 630 ✓ **Correct answer**

Note: 70% of 900 = 0.70 × 900 = 630. 650, 645 and 670 are wrong.

Question 75 Mathematics

The average age of A,B,C,Dand E is 40years.The average age of A and B is 35years, and the average of C and D is 42years . What is the age of E?

- A. 48 years
- B. 42 years
- C. 46 years ✓ **Correct answer**
- D. 45 years

Note: Total age of all five = 5 × 40 = 200. A + B = 2 × 35 = 70. C + D = 2 × 42 = 84. So E = 200 − 70 − 84 = 46 years.

Question 76 Mathematics

A can do a piece of work in 4 days ,and B can do it in 12 days. In how many days will they finish the work together

- A. 4 days
- B. 3 days ✓ **Correct answer**
- C. 2 days
- D. 6 days

s 1/4 of the work per day and B does 1/12; together 1/4 + 1/12 = 1/3 per day, so the work takes 3 days together.

Question 77 Mathematics

how can the number 45 be divided into two parts so that 4 times one part is 9 less than 5 time the other ?

- A. 21,24 ✓ **Correct answer**
- B. 24,25
- C. 22,25
- D. 26,29

Note: Let the parts be x and 45 − x. 4x = 5(45 − x) − 9 gives 4x = 225 − 5x − 9, so 9x = 216 and x = 24; the other part is 21. Check: 4 × 24 = 96 and 5 × 21 − 9 = 96. ✓

Question 78 Mathematics

h=100-4t. The equation above can be used to model the number of hours h until a gallon of milk held at a temperature of t, in degrees Celsius,goes sour.Based on the model, which if the following is the best interpretation of the number 4 in the equation?

- A. An increase of 1° C will make a gallon of milk go sour 4 hours faster . ✓ **Correct answer**
- B. An increase of 1° C will make a gallon of milk go sours 1a hours faster.
- C. An increase of 4° C will make a gallon of milk go sours 1 hours faster.
- D. An increase of 4° C will make a gallon of milk go sours 4 hours faster .

Note: h = 100 − 4t has slope −4: each 1 °C rise in temperature lowers h by 4 hours, so the milk goes sour 4 hours faster. The other options misstate the slope.

Question 79 Mathematics

The maximum number of students among whom 1001 pens and 910 pencil can be

such that each students get the same number of pen and same number if pencil.

- A. 90
- B. 92
- C. 91 ✓ **Correct answer**
- D. 93

Note: The greatest number dividing both 1001 and 910 is their GCD: 1001 = 7 × 11 × 13 and 910 = 7 × 10 × 13, so GCD = 7 × 13 = 91 students (each gets 11 pens and 10 pencils).

Question 80 Mathematics

Slove the system of equations: 2x + y = 20 and 6x _ 5= 12. What are the values of x and y?

- A. (6,8)
- B. (7,6) ✓ **Correct answer**
- C. (5,10)
- D. (6,7)

Note: The second equation is garbled on the page ('6x _ 5= 12') and reads as 6x − 5y = 12. Check B: 2(7) + 6 = 20 ✓ and 6(7) − 5(6) = 42 − 30 = 12 ✓. (6,8) and (5,10) satisfy the first equation but not the second (36 − 40 = −4; 30 − 50 = −20), and (6,7) satisfies neither.

Question 81 Mathematics

Two concentric circles have radii of 10 cm and 6 cm . Find the length of the chord of the larger circle that touches the smaller circle.

- A. 8 cm
- B. 12 cm
- C. 9 cm
- D. 16 cm ✓ **Correct answer**

Note: PRINTED KEY CORRECTED: the page marks B '12 cm', which is wrong. The chord is

the smaller circle, so the radius to the point of tangency (6 cm) is perpendicular to the chord; half the chord = $\sqrt{(10^2 - 6^2)} = \sqrt{64} = 8$ cm, so the full chord = $2 \times 8 = 16$ cm.

Question 82 Islamiat

63 ء ہجری میں کس ام المومنین کا انتقال ہوا ہے ؟

Correct answer ✓ A. حضرت ام سلمہ

B. حضرت حفصہ

C. حضرت عالیشہ

D. حضرت ام حبیبہ

Note: Umm Salama (RA) died in 63 AH (62/63 AH). Hafsa (RA) died in 45 AH, Aisha (RA) in 58 AH and Umm Habiba (RA) in 44 AH — none of them in 63 AH.

Question 83 Islamiat

حضرت عمر کے دور میں سلطنت کا رقبہ کتنا تھا

A. 21 لاکھ مربع میل

Correct answer ✓ B. 22 لاکھ مربع میل

C. 24 لاکھ مربع میل

D. 23 لاکھ مربع میل

Note: The Islamic state under Umar (RA) is conventionally put at about 2.2 million square miles (22 lakh). 21, 23 and 24 lakh are not the standard figure.

Question 84 Islamiat

شراب نوشی کی 80 کوڑے سزا کس صحابی کے مشورے سے دی گئی تھی

A. حضرت عثمان

Correct answer ✓ C. حضرت علی

D. حضرت ابوبکر صدیق

Note: PRINTED KEY CORRECTED: the page marks B 'Hazrat Umar', which is wrong — Umar (RA) was the caliph who consulted the Companions and ordered the 80 lashes; he was not the adviser. The advice is recorded from Ali (RA), whose reasoning was that the drunkard slanders people when intoxicated, and the hadd for slander is 80 lashes (Muwatta Imam Malik; al-Musannaf of Abd al-Razzaq, Hadith 13542); Abdur Rahman ibn Awf (RA) is also recorded as advising eighty — 'the mildest of the hudud is eighty' (Sahih Muslim 1706). Of the options given, C 'Hazrat Ali' is the adviser. Usman (RA) and Abu Bakr (RA) are not recorded as giving this advice.

Question 85 Islamiat

حضرت عمر فاروق کی نماز جنازہ کس نے پڑھائی

A. حضرت عثمان

B. حضرت علی

C. حضرت ابوبکر

Correct answer ✓ D. حضرت صہیب رومی

Note: Suhaib Roomi (RA) led the funeral prayer of Umar (RA). Usman (RA) and Ali (RA) were present but did not lead it, and Abu Bakr (RA) had died years earlier.

Question 86 Islamiat

Abu Ubayda ibn al _ Jarrah buried in?

- A. Kufa
- B. Madina
- C. Makkah

No answer is given for this question, and none is taught. NO CORRECT OPTION — DEFECTIVE-excluded

Question 87 Islamiat

کس مغربی زبان میں قران پاک کا سب سے پہلے ترجمہ کیا گیا ہے

Correct answer ✓ A. اطالوی

B. انگلش

C. یونانی

D. ہسپانوی

Note: Among the options, Italian is correct: the first printed translation of the Qur'an in a European vernacular language was Italian — L'Alcorano di Macometto, Venice, 1547 (quran12-21.org). Latin was earlier (Robert of Ketton, 1143) but Latin is not an option; English (1649), Spanish and Greek translations came later.

Question 88 Islamiat

مطلقہ غیر مد خولہ کی عدت کتنی ہے

A. 90 دن

B. چار ماہ دس دن

C. 60 دن

Correct answer ✓ D. ان میں سے کوئی نہیں

Note: A woman divorced before consummation has no iddah at all (Qur'an 33:49 — 'there is no iddah for you to count'), so none of the stated periods (90 days, 4 months 10 days, 60 days) applies.

89 Urdu

Shabistan e Iqbal by Akbar is related to

- A. Harem ✓ **Correct answer**
- B. Music
- C. Art
- D. None of these

Note: 'Shabistan (شبستان)' is the women's quarters — the bedchamber / harem — of a palace, so Akbar Allahabadi's 'Shabistan-e-Iqbal' concerns the harem, not music or art.

Question 90 Urdu

اردو کا لفظ کس زبان سے مشتق ہے

A. عربی

B. فارسی

C. ترکی ✓ **Correct answer**

D. ان میں سے کوئی نہیں

Note: The word 'Urdu' comes from the Turkish word 'ordu', meaning army or camp. It is not derived from Arabic or Persian.

Question 91 Urdu

علامہ اقبال کی کون سی کتاب میں ان کا اردو اور فارسی کلام اکٹھا چھپا ہے

A. بال جبرائیل

B. بانگ درا

C. ضرب کلیم

D. ارمغان حجاز ✓ **Correct answer**

ghan-e-Hijaz (1938) collects Iqbal's Urdu and Persian verse together in one book. Bal-e-Jibril, Bang-e-Dara and Zarb-e-Kaleem are separate collections, not the combined Urdu–Persian volume.

Question 92 Urdu

یہ فیضان نظریہ تھا کہ مکتب کی کرامت تھی سکھائے کس نے اسمعیل کو آداب فرزندی ،اقبال کے اس شعر میں کون سی صنف ہے

A. حسن تعلیل

B. لف ونشر

Correct answer ✓ C. تلمیح

D. مراۃ النظیر

Note: The verse alludes to the story of Ismail (AS) — the son taught the manners of sonhood — which is an allusion (talmih) to a known religious event. It is not husn-e-ta'lil (a fanciful cause), laf-o-nashr (paired listing) or mirat-un-nazir (parallelism).

Question 93 Urdu

مجاز لکھنوی کا اصلی نام کیا تھا

A. کمال نزیر

B. شبیر احمد

Correct answer ✓ C. اسرار الحق

D. ان میں سے کوئی نہیں

Note: Majaz Lucknowi's real name was Asrar-ul-Haq (Asrar-ul-Haq Majaz). Kamal Nazeer and Shabbir Ahmed are not his name.

94 Urdu

دارالعلوم دیو بند کی بنیاد کس نے رکھی

A. مولانا فضل الرحمن

B. مولانا اشرف تھانوی

C. مولانا اشرف تھانوی

Correct answer ✓ D. مولانا محمد قاسم نانوتوی

Note: Darul Uloom Deoband was founded in 1866 by Maulana Muhammad Qasim Nanotvi. Maulana Fazlur Rahman and Maulana Ashraf Thanvi did not found it. (Options B and C are duplicates — both 'Maulana Ashraf Thanvi' — a reproduction defect that does not affect the answer.)

Question 95 Urdu

فقرہ درست کریں

Correct answer ✓ A. زیادہ نکتہ چینی نہ کرو

B. بہت زیادہ نکتہ چینی نہ کرو

C. کثیر نکتہ چینی نہ کرو

D. زیادہ کثیر نکتہ چینی نہ کرو

Note: 'زیادہ نکتہ چینی نہ کرو' is the correct sentence. 'بہت زیادہ' is redundant, 'کثیر نکتہ چینی' is not the idiomatic phrasing, and 'زیادہ کثیر' wrongly combines two quantifiers.

Question 96 Urdu

گولر پھول کھلنا محاورہ ہے سے کیا مراد ہے

A. خوشی کا اظہار کرنا

C. راز منکشف ہونا

D. اشیا کا ارزاں ملنا

Note: 'گولر پھول کھلنا' — a fig tree flowering — is an idiom for something impossible happening. It does not mean expressing happiness, a secret being revealed, or goods becoming cheap.

Question 97 Urdu

شاعری میں نے ایجاد کی ہے یہ مصرعہ کس شاعر کا ہے

A. احمد فراز

Correct answer ✓ B. افضال احمد سید

C. منیر نیازی

D. جالب احمد

Note: 'شاعری میں نے ایجاد کی' ('I Invented Poetry') is Afzal Ahmed Syed's poem — listed in his collection Mitti ki Kaan (Rekhta) and translated as 'I Invented Poetry' in Rococo and Other Worlds (Wesleyan University Press, 2000). It is not by Ahmed Faraz, Munir Niazi or Habib Jalib.

Question 98 Urdu

ادبی تنقید اور اسلوبیات کس کی تصنیف ہے

A. فیض احمد فیض

Correct answer ✓ B. گوپی چند نارنگ

C. وزیر آغا

Note: 'Adbi Tanqeed aur Usloobiyat' is the book of Gopi Chand Narang (Delhi: Educational Publishing House, 1989), cited as 'گوپی چند نارنگ، ادبی تنقید اور اسلوبیات (دہلی: ایجوکیشنل پبلشنگ ہاؤس، ۱۹۸۹ء)'. It is not by Faiz Ahmed Faiz, Wazir Agha or Shams-ur-Rehman.

Question 99 Urdu

شہرت کی خاطر کس کی تصنیف ہے

Correct answer ✓ A. نذیر صدیقی

B. احمد ندیم قاسمی

C. فیض احمد فیض

D. اشفاق احمد

Note: 'Shuhrat ki Khatir' is the essay collection of Nazir Siddiqui, first published in Dhaka in 1961 (University of Malakand journal Palatana; CiNii catalogue). It is not by Ahmed Nadeem Qasmi, Faiz Ahmed Faiz or Ashfaq Ahmed.

Question 100 Urdu

ننگے پاؤں ننگے سر ننگے بدن ۔ یہ پیر وڈی کس شاعر نے کی ہے۔ گاندھی از گجرات بھاوے از دکن

Correct answer ✓ A. ظفر علی خان

B. اکبر الہ آبادی

C. سید محمد جعفری

D. ان میں سے کوئی نہیں

Note: The Gandhi verse is Zafar Ali Khan's: he was the poet-journalist of the Pakistan Movement whose political verse engaged directly with Gandhi — Rekhta's profile notes he was 'clearly opposed to Gandhi's policy of non-violence' and wrote poetry as socio-political

nd he worked as a translator in Hyderabad Deccan, matching the verse's Deccan line. Akbar Allahabadi (d. 1921) and Syed Muhammad Jafri are not the author of this verse. (Single-source confirmation: the printed key plus Zafar Ali Khan's documented Gandhi verse; no contradicting source was found.)

This paper remains the paper of the Punjab Public Service Commission. Ranjha Solutions branding is on this solved presentation only — the paper is not owned by Ranjha Solutions. PPSC publishes no past papers officially.

Past papers are **free** — no charge is taken from any student for papers. General Knowledge answers are as of the 2024 sitting.

Source: https://www.test360.pk/test/estate-officer-gda-07-09-2024-1841 (accessed 8 Nov 2026). See the source note on this page about the fold-in corrections.